

## Latiker, Tamika

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**From:** Crooks, Jennifer  
**Sent:** Monday, October 26, 2015 2:40 PM  
**To:** (b) (6)  
**Cc:** Shoven, Heather  
**Subject:** TTHMs and VOCs

Mr. Woodson: Total Trihalomethanes are part of a group of chemicals, Disinfection By-Products, that are formed when organic matter and chlorine interact and bond together. See the Wikipedia link below.

<https://en.wikipedia.org/wiki/Trihalomethane>

There are numerous organic chemicals that are regulated under the National Primary Drinking Water Standards, and are designated in the link below as "OG". The first set of organic chemicals was regulated in 1987, called Volatile Organic Chemicals (Phase 1), and there were 8:

Carbon Tetrachloride  
Benzene  
p-Dichlorobenzene  
1,2-Dichloroethane  
1,1-Dichloroethylene  
Trichloroethylene  
1,1,1-Trichloroethane  
Vinyl Chloride

There are other organic chemicals that were regulated in the early 1990's (Phase 2), which are the remaining organic chemicals in the link below, the National Primary Drinking Water Standards.

In the link below, TTHMs are identified as "DBP".

<http://water.epa.gov/drink/contaminants/upload/mcl-2.pdf>

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